





UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450 www.uspto.gov

APPLICATION NO.	TON NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/672,814 09/29/2000		Lin Lin	91436-256	2246	
	590	09/24/2003			
DOCKET CLERK P.O. DRAWER 800889				EXAMI	NER
DALLAS, TX 75380			STORM, DONALD L		
				ART UNIT	PAPER NUMBER
				2654	2411
				DATE MAILED: 09/24/2003	

Please find below and/or attached an Office communication concerning this application or proceeding.

	A C Ai NI -	1 8 - 1 4 - 2
•	Application No.	Applicant(s)
Examiner-Initiated Interview Summ	09/672,814	LIN ET AL.
	Examiner	Art Unit
	Donald L. Storm	2654
All Participants:	Status of Application	:
(1) Donald L. Storm, Examiner.	(3)	
(2) Mr. Robert D. McCutcheon, Attorney of Re-	<u>cord</u> . (4)	·
Date of Interview: 22 August 2003	Time:	
Type of Interview: ☑ Telephonic ☐ Video Conference ☐ Personal (Copy given to: ☐ Applicant ☐	☐ Applicant's representative)	
Exhibit Shown or Demonstrated: Yes If Yes, provide a brief description:	No	
Part I.		
Rejection(s) discussed: none		·
Claims discussed:		
Prior art documents discussed: none		
Part II.		
SUBSTANCE OF INTERVIEW DESCRIBING TH See Continuation Sheet	E GENERAL NATURE OF WHAT	WAS DISCUSSED:
Part III.		
 It is not necessary for applicant to provide a s directly resulted in the allowance of the applicant the interview in the Notice of Allowability. It is not necessary for applicant to provide a s did not result in resolution of all issues. A brief 	ation. The examiner will provide a vector of the substance of	written summary of the substance the interview, since the interview
ATTACHMENT: ORIGINAL	MAZZIMG OF ABVISOR	Y ALTION (paper 9)
Donald 2. Storm 8/22	/v3	
(Examiner/SPE Signature)	Applicant/Applicant's Representativ	re Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed:

Mr. McCutcheon requested that the Advisory Action mailed July 23, 2003 (paper 9) be mailed again. Mr. McCutcheon also requested that the date of the new mailing be indicated as the date on which the period for reply expires. Because (1) the STATEMENT UNDER 37 C.F.R. 3.73(b) filed October 1, 2002 (paper 5) in the Office file of this case properly requests a change in power of attorney and change of address, (2) the Office did not mail paper 9 to the address indicated in paper 5, and (3) the response to the final Office action mailed April 21, 2003 (paper 7) was received within two months, the time for reply set in the original mailing of the Advisor action (paper 9) is RESTARTED TO BEGIN WITH THE DATE OF THIS LETTER.

A courtesy copy of this Interview Summary and the Office action will be faxed to (972) 628-3616, which number is found in paper 5, signed by the Attorney of Record.

The shortened statutory period will expire on the date that this letter is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of this letter. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final action..



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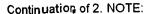
A	PPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	09/672,814	09/29/2000	Lin Lin	91436-256	2246
	9 2463 759	07/23/2003			
Miles	SMART AND			EXAM	NER
338 UNIVERSITY AVENUE SUITE 1500 BOX 111				STORM, DONALD L	
13	TORONTO, ON CANADA	MsG2K8		ART UNIT	PAPER NUMBER
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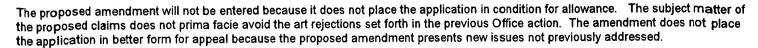
Please find below and/or attached an Office communication concerning this application or proceeding.

· .	Application No.	plicant(s)				
Advisory Action	09/672,814	LIN ET AL.				
•	Examiner	Art Unit				
	Donald L. Storm	2654				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address						
THE REPLY FILED 23 June 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.						
PERIOD FOR REPLY [check either a) or b)]						
a) The period for reply expiresmonths from the mailing date of the final rejection. b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f). Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under						
37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
1. A Notice of Appeal was filed on Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.						
2. The proposed amendment(s) will not be entered because:						
(a) M they raise new issues that would require further	er consideration and/or search ((see NOTE below);				
(b) they raise the issue of new matter (see Note b	pelow);					
(c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or						
(d) they present additional claims without cancel	ing a corresponding number of	finally rejected claims.				
NOTE: See Continuation Sheet.						
3. Applicant's reply has overcome the following reject	tion(s):					
4. Newly proposed or amended claim(s) would canceling the non-allowable claim(s).	be allowable if submitted in a s	eparate, timely filed amendment				
5. ☑ The a) ☐ affidavit, b) ☐ exhibit, or c) ☑ request for reconsideration has been considered but does NOT place the application in condition for allowance because: <u>See Continuation Sheet.</u>						
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.						
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.						
The status of the claim(s) is (or will be) as follows:						
Claim(s) allowed: <u>none</u> .						
Claim(s) objected to: <u>none</u> .						
Claim(s) rejected: <u>1-21</u> .						
Claim(s) withdrawn from consideration: <u>none</u> .						
8. The proposed drawing correction filed on is a) approved or b) disapproved by the Examiner.						
9. ☐ Note the attached Information Disclosure Statement(s)(PTO-1449) Paper No(s)						
10 🕅 Other: See Continuation Sheet						
Richemond Dorvil Primary Examiner						
Dondal. Stor 7/22/03						
1,0,00						

U.S. Patent and Trademark Office PTO-303 (Rev. 04-01)

Cyntinuation Sheet (PTO-303)





Additional search would be required because of the new claim limitations for claims 3, 6, and 7 and because of the combinations of claim elements different from those previously presented. Patentability in view of combinations of references already of record must also be reconsidered, and whether all dependent claims now distinctly claim the invention in light of the new claim limitation. Sufficiency of disclosure as originally filed would require reconsideration.

For claim 1, the proposed amendment would define the invention by claim elements not previously presented in combination; the new combination brings user-selected command words into the system having multiple models for some words.

For claim 2, the proposed amendment would define the invention by claim elements not previously presented in combination; the new combination brings user-selected command models into the system having multiple models for some words.

For claim 3, the default command word model presents new issues.

For claim 6, the command being associated with models in both model sets presents new issues.

For claim 7, the same command being associated with word models representing different words in each model set presents new issues. For claim 7, the proposed amendment would define the invention by claim elements not previously presented in combination; the new combination brings at least user-designated association between a command and a word model into training the system and matching two utterances.

Continuation of 5. does NOT place the application in condition for allowance because:

Regarding claims 1, 2, 3, 6, and 7, the arguments are directed to subject matter that has not been entered.

Regarding claims 4, 5, and 8-21, the subject matter of the claims does not prima facie avoid the art rejections set forth in the previous Office action.

Regarding claims 10 and 13, the Applicant contends that the cited reference does not describe every aspect of those claims. This argument is not persuasive because a previous Office action (paper 4) locates every element of the claims in that reference.

Regarding claim 5, the Applicant contends that Vysotsky does not use likelihood of recognition with SI models for deriving SD models. This is similar to the Examiner's presentation (paper 7) of how Vysotsky does not anticipate claim 5. However, this argument is not persuasive because a previous Office action (paper 7) locates or suggests every element of the claims in either Vysotsky or Salazar and suggests the desirability of making the combination as a whole.

Regarding claim 5, the Applicant contends that Salazar does not use recognition with SI models to derive an SD model.

A further argument is that Salazar is merely updating a set of SD models. These arguments are not persuasive because one cannot show nonobviousness by attacking references individually where the rejections are based on combinations of references. A previous Office action (paper 7) locates or suggests every element of the claims in either Vysotsky or Salazar and suggests the desirability of making the combination as a whole. Furthermore, Salazar creates a second set of word models in RAM and keeps the first set, rather than maintaining one set of models; see paper 7.

Regarding claim 5, the Applicant contends that the Examiner assembled a teaching of storing a second set of SD word models out of unrelated pieces of Salazar. In particular, column 13, line 65, describes input, not word models. This argument is not persuasive because Salazar is describing the system with reference to Figures 3A and 3B in Salazar's chosen order at least from column 13 to column 15. The only citation by the Examiner that is out of order is the citation to column 11, where speech appears explicitly. In column 13, at lines 60-65 discussing Figs. 3A and 3B, Salazar uses the terminology "audio" for the signal to be recognized. In particular, column 13, lines 60-65, recite both the input (audio signal) and the first set of word models (the active vocabulary). As indicated in paper 7, this vocabulary is a different set from the set formed in RAM.

Regarding claim 18, the Applicant contends that the cited references do not describe every aspect of those claims. This argument is not persuasive because a previous Office action (paper 4) locates or suggests every element of the claims and suggests the desirability of making the combination as a whole.

Continuation of 10. Other:

The amendments would cure the deficiencies that caused objections to the specification and claims. The portions of the amendment directed to the specification and to removing the informalities in the claims would be acceptable as placing some of the claims in better form by complying with objections to informalities if a separate paper were filed containing only acceptable amendments.